

Kennedia lateritia, a new name for *Kennedia macrophylla* (Fabaceae)

The plant currently referred to as *Kennedia macrophylla* (Meisn.) Benth. is a twining or scrambling shrub with a very restricted distribution in the far south-west of Western Australia. It is listed as Declared Rare Flora under the *Western Australian Wildlife Conservation Act 1950* and is Endangered under the *Commonwealth Environment Protection and Biodiversity Conservation Act 1999* (DEWHA 2007). In contrast to its rarity in nature, this taxon is widely cultivated in temperate Australia (Jones & Gray 1977; Elliot & Jones 1993). In view of the horticultural and conservation significance of this species, a necessary change to its nomenclature is presented here in advance of a revision of the subtribe Kennediinae currently in preparation by the first author.

The first name applicable to this taxon is *Physolobium macrophyllum*, published by Meisner in 1848. In February 1864, Mueller described *Kennedia* [as '*Kennedya*'] *lateritia* in his *Fragmenta*, and in that work compared his new taxon to '*Kennedya macrophylla* (*Physolobium macrophyllum*, Meisn. in Lehm. *Plant. Preiss.* ii. 222)...' Mueller thereby created the combination *K. macrophylla* (Meisn.) F.Muell.; this is illegitimate since it is a later homonym of *K. macrophylla* Lindl. (1836), a different species (see below). Bentham (1864) also independently published this combination later in the same year as Mueller.

Type material of *Physolobium macrophyllum* has been examined (CGE) and confirms its identity as the taxon currently known as *Kennedia macrophylla* (Meisn.) F.Muell. or *Kennedia macrophylla* (Meisn.) Benth., both combinations being illegitimate. The next available name for this taxon is *Kennedia lateritia* F.Muell., of which type material at MEL matches the type of *Physolobium macrophyllum*; the former name is therefore adopted for this taxon. Full synonymy for this species is as follows.

Kennedia lateritia F.Muell. *Fragm.* 4:78 (1864). *Type*: Ex horto. bot. Melbourne (*lecto*: K, here designated; *isolecto*: MEL 252613). *Paralecto*: 'In Nova Hollandia occidentali [Western Australia] herb. F. Mueller' (MEL 252615).

Physolobium macrophyllum Meisn. in J.G.C. Lehmann, *Pl. Preiss.* 2: 222 (1848); *Kennedia macrophylla* (Meisn.) F.Muell., *Fragm.* 4:79 (Feb. 1864) *nom. illeg. non* Lindl. (1836); *K. macrophylla* (Meisn.) Benth., *Fl. Austral.* 2: 252 (Oct. 1864) *nom. illeg. non* Lindl. (1836). *Type*: 'Swan River, Drummond, coll. II, No. 118' (*holo*: NY; *iso*: CGE *n.v.* (image CANB), K (2 sheets), MEL 252722, P *n.v.* (image CANB), W).

From the available type material of *K. lateritia*, the specimen at K is chosen as the lectotype as it has both flowers and fruit present, best representing the protologue.

In 1836 Lindley described a new species, *Kennedia macrophylla* [as *Kennedya?* *macrophylla*], commenting that it 'is in many respects so much like *K. comptoniana* [= *Hardenbergia comptoniana*] as to render it doubtful whether it is more than a variety of that species'. Images of type material of *Kennedia macrophylla* Lindl. held at CGE have been examined and confirm that it is indeed *Hardenbergia comptoniana* (Andrews) Benth. The synonymy of this species is as follows.

Hardenbergia comptoniana (Andrews) Benth. in S.L. Endlicher *et al.*, *Enum. Pl.* 41 (1837); *Glycine comptoniana* Andrews, *Bot. Repos.* 9: t. 602 (1810); *Kennedia comptoniana* (Andrews) Link, *Enum. Hort. Berol. Alt.* 2: 235 (1822); *Caulinia comptoniana* (Andrews) F.Muell., *Fragm.* 7: 128 (1871). *Type*: 'We have named it in honour of Lady Northampton in whose collection at Castle Ashby it flowered last April. But by whom it was introduced we are uncertain' (*lecto*: the plate, *Bot. Repos.* 9: t. 602 (1810), here selected).

Kennedia macrophylla Lindl., *Edwards's Bot. Reg.* 22: t. 1862 (1836); *Hardenbergia macrophylla* (Lindl.) Benth. in S.L. Endlicher *et al.* *Enum. Pl.* 41 (1837); *Caulinia macrophylla* (Lindl.) F. Muell., *Fragm.* 7: 128 (1871). *Type*: 'Introduced by Sir James Stirling from the Swan River in New Holland. It was raised in the garden of Robert Mangles, Esq. at Sunning Hill from whence specimens were received' (*holo*: CGE).

Acknowledgements

Thanks are due to the Directors of AD, K, MEL, NY, PERTH and W, for loaning material in their care, also to Alex Chapman (ABLO 1999) and Jenny Tonkin (ABLO 2007) for providing images from CGE and P respectively, and to Brendan Lepschi for helpful comments on the manuscript.

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